Contents

Albeverio S., Geyler V. A.: The Band Structure of the General Periodic Schrödinger Operator with Point Interactions 29

Alvarez M., Olive D. I.: The Dirac Quantisation Condition for Fluxes on Four-Manifolds 13

Bernard D., Regnault N.: Vertex Operator Solutions of 2d Dimensionally Reduced Gravity 177

Böckenhauer J., Evans D. E., Kawahigashi Y.: Chiral Structure of Modular Invariants for Subfactors 733

Bordemann M., Herbig H.-C., Waldmann S.: BRST Cohomology and Phase Space Reduction in Deformation Quantization 107

Bourgain J.: Invariant Measures for NLS in Infinite Volume 605

Bouwknegt P.: q-Identities and Affinized Projective Varieties I. Quadratic Monomial Ideals 641

Bouwknegt P., Halmagyi N.: q-Identities and Affinized Projective Varieties II. Flag Varieties 663

Cipriani F., Fagnola F., Lindsay J. M.: Spectral Analysis and Feller Property for Quantum Ornstein–Uhlenbeck Semigroups 85

Connes A., Kreimer D.: Renormalization in Quantum Field Theory and the Riemann–Hilbert Problem I: The Hopf Algebra Structure of Graphs and the Main Theorem 249

del Pino M., Felmer P. L., Sternberg P.: Boundary Concentration for Eigenvalue Problems Related to the Onset of Superconductivity 413

Evans D. E. → Böckenhauer J. 733

Fagnola F. → Cipriani F. 85

Felmer P. L. → del Pino M. 413

Galina E., Kaplan A., Levstein F.: The Oscillator Representation and Groups of Heisenberg Type 309

Geyler V. A. → Albeverio S. 29

Gritsenko V. A., Nikulin V. V.: The Arithmetic Mirror Symmetry and Calabi–Yau Manifolds 1

Gukov S.: K-Theory, Reality, and Orientifolds 621

Haller K.: Ground State Properties of the Neutral Falicov–Kimball Model 703

Halmagyi N. → Bouwknegt P. 663

Havard G., Zinsmeister M.: Thermodynamic Formalism and Variations of the Hausdorff Dimension of Quadratic Julia Sets 225

Herbig H.-C. → Bordemann M. 107

Hurtubise J.C., Kjiri M.: Separating Coordinates for the Generalized Hitchin Systems and the Classical r-Matrices 521

Kaplan A. → Galina E. 309

Kawahigashi Y. → Böckenhauer J. 733

Khodakovsky A.: Inverse Spectral Problem with Partial Information on the Potential: The Case of the Whole Real Line 399

Kirillov A. N. → van Diejen J. F. 335

Kjiri M. → Hurtubise J.C. 521

Kreimer D. → Connes A. 249

Królak I.: Wick Product for Commutation Relations Connected with Yang–Baxter Operators and New Constructions of Factors 685

Levstein F. → Galina E. 309
Lindsay J. M. → Cipriani F. 85

Mischler S.: On the Initial Boundary Value Problem for the Vlasov–Poisson–Boltzmann System 447
Molnár L.: Generalization of Wigner's Unitary-Antiunitary Theorem for Indefinite Inner Product Spaces 785
Murray M. K., Singer M. A.: On the Complete Integrability of the Discrete Nahm Equations 497

Nikulin V. V. → Gritsenko V. A. 1

Olive D. I. → Alvarez M. 13

Regnault N. → Bernard D. 177

Schenkel A. → van Baalen G. 145
Shnirelman A.: Weak Solutions with Decreasing Energy of Incompressible Euler Equations 541
Singer M. A. → Murray M. K. 497
Smoller J., Temple B.: Cosmology with a Shock-Wave 275
Spiridonov V., Zhedanov A.: Spectral Transformation Chains and Some New Biorthogonal Rational Functions 49
Sternberg P. → del Pino M. 413
Szafraniec F. H.: Subnormality in the Quantum Harmonic Oscillator 323

Temple B. → Smoller J. 275

van Baalen G., Schenkel A., Wittwer P.: Asymptotics of Solutions in $nA + nB \to C$ Reaction–Diffusion Systems 145
van Diejen J. F., Kirillov A. N.: Formulas for q-Spherical Functions Using Inverse Scattering Theory of Reflectionless Jacobi Operators 335
VanderKam J. M.: Correlations of Eigenvalues on Multi-Dimensional Flat Tori 203

Waldmann S.: Locality in GNS Representations of Deformation Quantization 467
Waldmann S. → Bordemann M. 107
Wittwer P. → van Baalen G. 145

Zhang Q. S.: Large Time Behavior of Schrödinger Heat Kernels and Applications 371
Zhedanov A. → Spiridonov V. 49
Zinsmeister M. → Havard G. 225